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MONTANA OIL AND GAS STATISTICAL BULLETIN

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THE OIL AND GAS CONSERVATION COMMISSION

VOLUME II, NO. 10 — 2 — OCTOBER, 1954

Production of crude oil and condensate from the oil and gas areas of Montana for the month of October, 1954, averaged 37,878 barrels daily, a decrease of 1,038 barrels from the average September production of 38,916.

The ten refineries in the State processed 39,224 barrels of crude oil daily for the month of October, a decrease of 22,044 barrels daily from the 61,268 barrels processed daily during the month of September, 1954.

During October, 23 wells were completed, 11 oil, 1 gas well and 11 dry holes.

During October, the Commission issued 35 permits to drill new wells, an increase of 3 from the 32 permits issued during September.

STATEMENT OF CRUDE OIL PRODUCTION, REFINING, STORAGE, ETC., IN MONTANA

MONTH OF OCTOBER, 1954

	TOTAL
IN STORAGE OCTOBER 1ST:	
By Producers	269,203
By Transpjorters	422,311
By Refiners	377,262
TOTAL STORAGE	1,068,676
PRODUCED DURING MONTH	1,174,215
TOTAL	2,242,891
DISPOSITION:	
Refined in Montana	531,149
Shipped to Other States	496,051
Used for Fuel or Lost	11,438
TOTAL	1,038,638
IN STORAGE OCTOBER 31ST:	
By Producers	288,990
By Transporters	429,175
By Refiners	486,088
TOTAL STORAGE	1,204,253

WYOMING OIL IMPORTED

IN STORAGE OCTOBER 1, 1954	174,690
OCTOBER RECEIPTS, MONTANA REFINERIES	842,463
REFINED	684,791
IN STORAGE OCTOBER 31, 1954	332,362

NATURAL GAS WITHDRAWALS IN MONTANA

Month of October, 1954

Field	M. C. F.
Bears Den	3,623
Big Wall	119
Bowdoin	414,793
Bowes	54,138
Box Elder	18,234
Cedar Creek	338,047
Cut Bank (includes Reagan	1,236,280
Devon	8,047
Dry Creek	200,985
East Poplar	1,000
Hardin	9,443
Keith Block	18,222
Kevin-Sunburst	68,383
Ragged Point	
Utopia	47,740
West Sumatra	1,051
Whitlash Area	91,606
TOTAL	2,511,711

Total withdrawals for October, 1953, were 2,202,877 M.C.F.

PRODUCERS REPORT

Month of October, 1954

Leases Operated	Field	No. of Wells	Storage First of Month	Oil Produced	Oil Shipped by Pipeline	Oil Shipped by Truck	Used or Lost	Storage End of Month
1	Ash Creek	4	2,025	3,069	———	4,322	62	710
7	Big Wall	21	5,225	28,810	———	28,763	———	5,272
4	Border	8	———	1,863	———	1,863	———	———
10	Bowes	72	6,023	63,888	64,417	———	———	5,494
1	Brady-Midway	5	516	327	———	520	———	323
1	Brorson (Sidney Area)	2	2,117	6,568	6,411	———	———	2,274
1	Cabin Creek	7	2,833	28,582	———	27,314	1,379	2,722
—	Cadmus	—	———	———	———	———	———	———
1	Clark's Fork	89	3,278	13,602	9,958	———	30	6,892
28	Cat Creek	1	84	2,170	———	1,793	———	461
326	Cut Bank	1,111	127,536	176,778	170,143	———	———	134,171
3	Deer Creek	7	1,967	19,886	19,396	———	———	2,457
1	Devils Basin	2	725	150	———	———	———	875
5	Dry Creek	12	1,450	20,731	18,057	———	———	4,124
20	Elk Basin	59	7,741	94,984	96,365	———	———	6,360
2	Frannie	2	383	1,278	1,360	———	———	296
1	Gage	1	991	56	———	537	———	510
5	Glendive	13	3,840	56,680	55,600	———	———	4,920
2	Golden Dome	2	487	1,709	———	1,818	———	378
1	Hardin Area	3	2,242	3,819	———	4,540	———	1,521
1	Ivanhoe Dome	2	392	3,286	———	2,722	———	956
212	Kevin-Sunburst	1,475	17,658	98,265	98,534	———	———	17,389
1	Lake Basin	1	1,210	125	———	———	———	1,335
1	Landslide Butte	1	———	130	———	———	130	———
1	Little Beaver	3	1,092	4,508	———	4,510	643	447
1	East Little Beaver	1	———	2,690	———	931	———	1,759
3	Melstone	6	1,527	8,646	———	7,619	———	2,554
3	Mosser	6	———	844	———	844	———	———
1	Pine Unit Area	12	6,593	39,001	———	35,910	1,359	8,325
81	Pondera	317	15,965	34,036	33,635	———	———	16,366
43	Poplar Area	51	20,924	317,220	271,531	41,759	403	24,451
2	Ragged Point	3	958	1,499	———	1,805	———	652
...	Rattlesnake Butte	—	739	———	———	———	———	739
2	Reagan	38	3,005	19,518	18,412	———	———	4,111
5	Richey	10	5,088	14,055	———	13,532	———	5,611
..	Sand Creek	—	227	———	———	———	162	65
2	Southwest Richey	3	1,692	10,161	———	10,358	———	1,495
4	Soap Creek	8	1,713	9,752	———	7,827	73	3,565
12	Sumatra	39	10,144	72,423	———	72,758	———	9,809
4	Sweet Grass Hills	4	908	665	———	673	125	775
1	Wibaux Area	1	701	1,784	———	2,141	———	344
7	Whitlash	19	7,798	9,863	9,849	———	———	7,812
...	Wolf Creek	—	51	———	———	———	———	51
2	Woodrow	2	1,051	283	1,069	———	———	265
1	Yellowstone	1	304	516	———	466	———	354
810		3,424	269,203	1,174,215	874,737	275,325	4,366	288,990

Total Oil Produced and Shipped from Leases	Bbls. Produced	Daily Average	Bbls. Shipped	Daily Average
Year, 1953	11,895,152	32,589	11,806,873	32,348
First Quarter, 1954	3,165,882	35,176	3,139,622	34,885
Second Quarter, 1954	3,536,508	38,862	3,512,743	38,602
Third Quarter, 1954	3,715,539	40,386	3,683,370	40,037
October, 1954	1,174,215	37,878	1,150,062	37,099

Oil in Storage	In Producers Field Tanks	In Transporters Storage	In Refiners Storage*	Total Oil In Storage*
December 31, 1953	231,394	501,709	695,206	1,428,309
March 31, 1954	235,678	469,637	620,698	1,326,013
June 30, 1954	245,735	509,681	610,724	1,366,140
September 30, 1954	269,203	422,211	551,952	1,243,366
October 31, 1954	288,990	429,175	818,450	1,536,615

*Includes Wyoming Oil.

TRANSPORTERS REPORT—Month of October, 1954

	Storage First of Month	OIL RECEIVED From Producers and Pipeline	OIL RECEIVED Connecting Truck	OIL RECEIVED Connecting Carrier	Loss or Gain	OIL SHIPPED TO Montana	OIL SHIPPED TO Other States	Connecting Carriers	Storage End of Month
ASH CREEK									
Trucks			4,322				4,322		
BIG WALL									
Trucks	1,809		28,763		921	11,755	15,015		2,881
BORDER									
Trucks			1,863			1,863			
BRORSON									
Sun Oil Co.		6,411							6,411
BOWES									
Northern Pump	1,003	14,085			(225)		13,487		1,826
The Texas Company		50,332				23,637	23,864		2,831
	1,003	64,417			(225)	23,637	37,351		4,657
BRADY-MIDWAY									
Trucks			520			520			
CABIN CREEK									
Shell Oil Co.			27,314			11,054	16,260		
CAT CREEK									
Continental Pipe Line Co.	4,293	6,449			19	1,168			9,555
Wm. Hanlon		3,343				3,343			
	4,293	9,792			19	4,511			9,555
CLARK'S FORK									
Trucks			1,793				1,793		
CUT BANK									
Darling Gather. Sys.	4,088	23,146				25,348			1,886
Phillips Pet. Co.	107,750	36,301		2,966	742	14,094		27,150	105,031
Texas Pipe Line Co.	82,873	30,584		33,405	583	29,517		21,759	95,003
Toronto Pipe Line Co.	34,002	38,103			(3)			42,276	29,832
Union Oil Co.	61,846	42,829		54,814	24	99,189			60,276
	290,559	170,963		91,185	1,346	168,148		91,185	292,028
DRY CREEK									
Ohio Oil Co.	10,167	18,058			109	20,828			7,288
ELK BASIN									
Ohio Oil Co.		96,365				59,038	37,327		
FRANNIE									
Ohio Oil Co.		1,360					1,360		
GAGE									
Trucks			537			537			
GOLDEN DOME									
Trucks			1,818				1,818		
GLENDIVE AREA									
The Texas Co.	3,961	75,509			24	34,605	37,337		7,504
EAST LITTLE BEAVER									
Shell Oil Co.			931				931		
HARDIN AREA									
Trucks			4,540				4,540		
IVANHOE DOME									
Trucks			2,722			2,722			
KEVIN-SUNBURST									
Big West Oil Co.	1,968	38,613				38,628			1,953
Homestake Oil & Gas	1,871	4,499				4,436			1,934
Texas Pipe Line Co.	28,545	53,803		1,617	55	54,362			29,548
Anna Aronow	146	1,583						1,617	112
	32,530	98,498		1,617	55	97,426		1,617	33,547
LITTLE BEAVER									
Shell Oil Co.			4,510			1,825	2,685		
MELSTONE									
Trucks	1,736		7,619			8,037			1,318
MOSSER									
Trucks			844			844			
PINE UNIT AREA									
Shell Oil Co.			35,910			14,534	21,376		
PONDERA									
Phillips Pet. Co.	67,747	34,065			238	45,985			55,589
POPLAR AREA									
East Poplar G. Sys.	3,795	273,577			503	9,680	261,365		5,824
Plastic Service Lines, Inc.		7,808					7,808		
Trucks			31,925			20,464	11,461		
	3,795	281,385	31,925		503	30,144	280,634		5,824
RAGGED POINT									
The Texas Co.			1,805			957			848
REAGAN									
Union Oil Co.		18,412				18,412			
RICHEY AREA									
Shell Oil Co. & Trucks			13,532			556	12,976		
SOAP CREEK									
Trucks			7,827				7,827		
SOUTHWEST RICHEY									
Shell Oil Co.			10,358				10,358		
SUMATRA AREA									
Trucks	886		72,758			73,579			65
SWEET GRASS HILLS									
Trucks & Pipeline	3,725	8,121	2,401		218	12,369			1,660
WIBAUX									
Trucks			2,141				2,141		
YELLOWSTONE									
Trucks			466			466			
GRAND TOTAL	**422,211**	**883,356**	**267,219**	**92,802**	**3,208**	**644,352**	**496,051**	**92,802**	**429,175**

REFINERS REPORT BY FIELDS

Month of October, 1954

FIELDS	Big West Oil Co.	Carter Oil Co.	Cont. Oil Company	Diamond Asphalt Co.	Farmers Union	Jet Fuel Refinery	Modern Oil Co. Inc.	Phillips Pet. Co.	The Texas Company	Union Oil Co.	TOTAL BY FIELDS
Big Wall					9,077	143					9,220
Bowes				20,726							20,726
Brady-Midway								175			175
Cat Creek			1,163			2,578					3,741
Cut Bank	19,433						463	13,955	21,346	100,996	156,193
Dry Creek					21,847						21,847
Elk Basin		47,670									47,670
Gage					538						538
Glendive			3,597		45,464						49,061
Ivanhoe Dome					2,722						2,722
Kevin-Sunburst	40,544						568				41,112
Little Beaver			1,825								1,825
Melstone				———	8,845						8,845
Mosser					844						844
Pine Unit			1,148								1,148
Pondera								46,123			46,123
Poplar		32,228				18,103	9,969				60,300
Ragged Point					957						957
Reagan										18,412	18,412
Sumatra		206	3,752		33,083						37,041
Sweetgrass Hills	701									1,482	2,183
Yellowstone					466						466
Total Montana Oil	60,678	80,104	11,485	20,726	123,843	20,824	11,000	60,253	21,346	120,890	531,149
Wyoming Oil Imported		324,683			360,108						684,791
Total Mont. & Wyo. Oil	60,678	404,787	11,485	20,726	483,951	20,824	11,000	60,253	21,346	120,890	1,215,940

AVERAGE BARRELS PER DAY

	Montana	Wyoming	Total
Year 1953	20,540	33,183	53,723
October, 1953	16,453	32,542	48,995
October, 1954	17,134	22,090	39,224

PERCENTAGE OF CRUDE REFINED

	Montana	Wyoming
	38.2%	61.8%
	33.6%	66.4%
	43.7%	56.3%